

## What is claimed is:

- 506  
A<sub>2</sub> >
- 5 1. A method of determining direction-dependent properties of coatings, in which measurements of coating properties are made along a test track on a sample coating using one or more measuring instruments, wherein
- 10 a) at least one measurement is recorded in relation to direction, and
- b) the sample coating has at least one coat thickness which occurs twice and with different coat-thickness gradients along the test track.
- 15 2. The method as claimed in claim 1, wherein the corresponding coat-thickness gradients are different in sign.
3. The method as claimed in one of claims 1 and 2, wherein the coat thickness has a minimum or a maximum
- 20 along the test track.
4. The method as claimed in one of claims 1 to 3, wherein the coat thickness changes symmetrically along the test track, preferably being bell-shaped or parabolic.
- 25 5. The method as claimed in one of claims 1 to 4, wherein the sample coating is produced by spraying along a straight line.

6. The method as claimed in one of claims 1 to 5, wherein the test track extends without reversals, preferably linearly.
7. The method as claimed in one of claims 1 to 6, which is used to measure coat thickness, evenness, shade, haze, and/or gloss of the sample coating.

$$A_3$$